

**Notice of Allowability**

Application No.

10/731,461

Examiner

John R. Lee

Applicant(s)

TANAKA ET AL.

Art Unit

2878

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 7/3/2007.
2. ☒ The allowed claim(s) is/are 1, 3-25.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

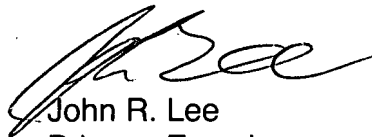
### REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: Claims 1 and 3-25 are allowed in view of applicant's amendments and arguments filed on 7/3/2007, which arguments were found persuasive.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The replacement drawing sheets received on 7/3/2007 are acceptable.

Any inquiry concerning this communication should be directed to John R. Lee at telephone number (571) 272-2477.



John R. Lee  
Primary Examiner  
Art Unit 2878

Application No.: 10/731461  
 Inventor: Tanaka et al.  
 Attorney Docket No.: 10873.1347US01  
 Title: SOLID-STATE IMAGING DEVICE, METHOD FOR MANUFACTURING THE SAME AND  
 INTERLINE TRANSFER CCD IMAGE SENSOR  
 Attorney Name: Douglas P. Mueller  
 Phone No.: 612.455.3800  
 Sheet 5 of 7  
 REPLACEMENT SHEET

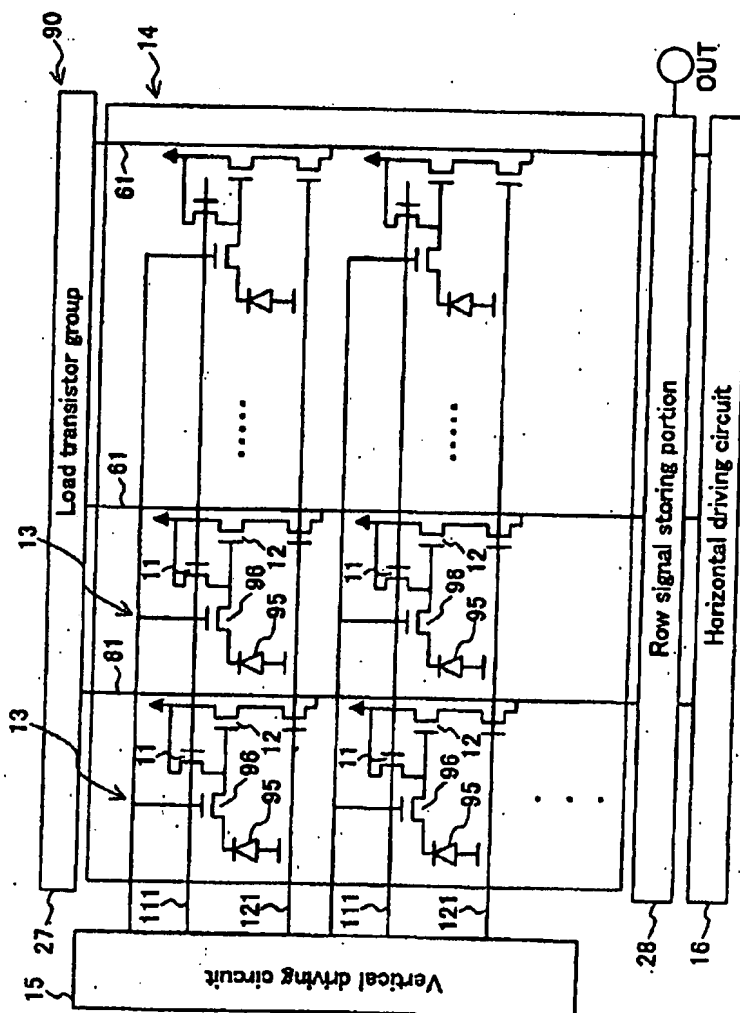


FIG. 5  
 Prior Art

Application No.: 10/731461  
 Inventor: Tanaka et al.  
 Docket No.: 10873.1347US01  
 Title: SOLID-STATE IMAGING DEVICE, METHOD FOR MANUFACTURING THE SAME AND  
 INTERLINE TRANSFER CCD IMAGE SENSOR  
 Attorney Name: Douglas P. Mueller  
 Phone No.: 612.455.3800  
 Sheet 6 of 7  
 REPLACEMENT SHEET

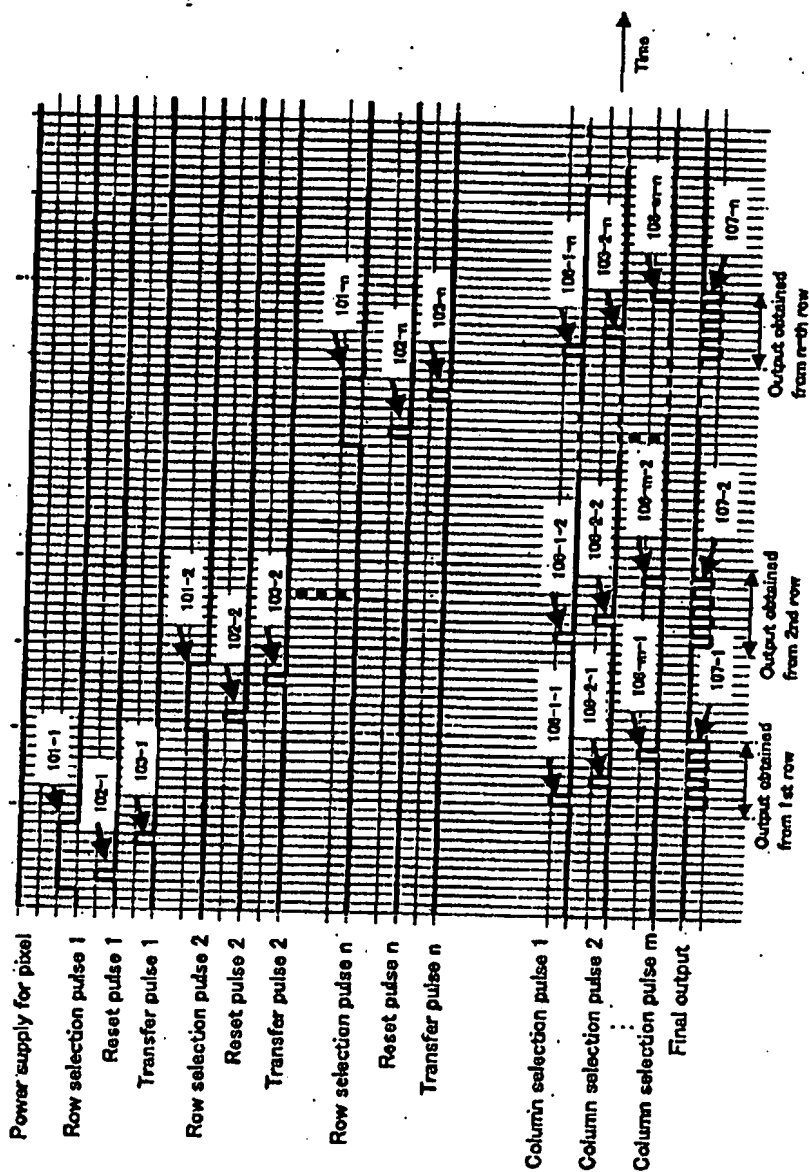
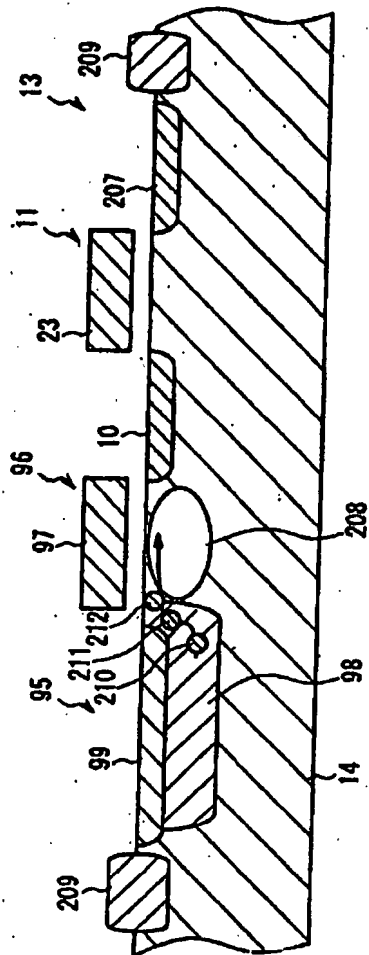


FIG.6

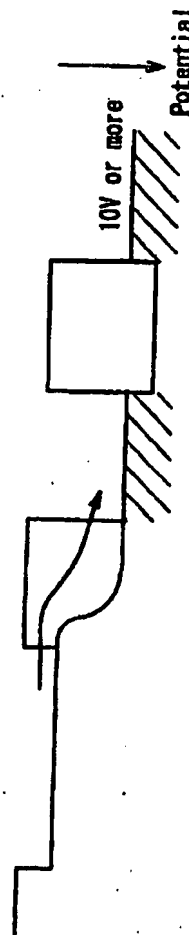
Prior Art

Application No.: 10731461  
Inventor: Tanaka et al.  
Docket No.: 10873.1347US01  
Title: SOLID-STATE IMAGING DEVICE, METHOD FOR MANUFACTURING THE SAME AND  
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Attorney Name: Douglas P. Mueller  
Phone No.: 612.455.3800  
Sheet 7 of 7  
REPLACEMENT SHEET

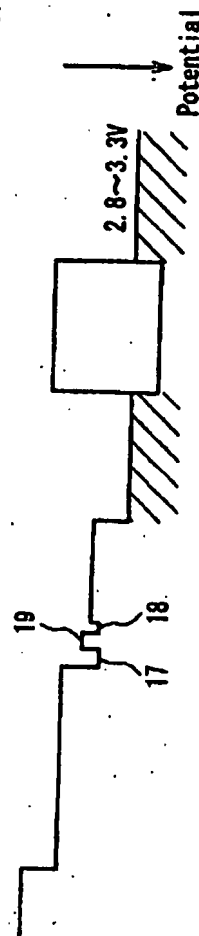
**FIG. 7A**  
**Prior Art**



**FIG. 7B**  
**Prior Art**



**FIG. 7C**  
**Prior Art**



approved  
on  
9/3/07